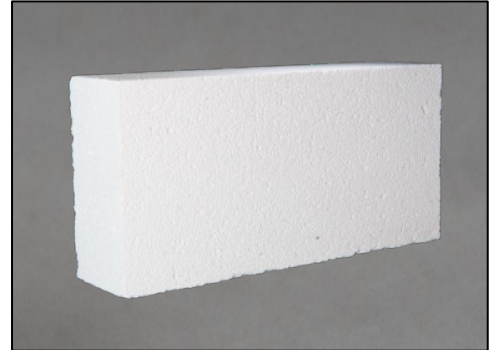


24-132 – Product data sheet

Presentation:

The 24-132 is an evolution of IFB Refractories' best insulating brick 23-130 designed to reach applications with a temperature up to 1320°C. It offers similar insulating (0.29 W/m.K) and mechanical (CCS >1MPa) properties with an extended temperature range. Typical applications include the glass industry.



Maximum classified temperature: **1320°**.



French refractory clays & local organic filler.

Properties :	Standards	Units	Average μ	Limits	
				Tl (low)	Th (high)
Classification	ISO 2245		132L		
	ASTM C155		24		
Bulk density	EN 1094-4	g/cm ³	0,62		0,7
Cold Crushing Strength (// to extrusion)	ISO 8895	Mpa	1,2	1	
Permanent Linear Change (12h at 1320°C)	ISO 2477	%	-0,8	-1,5	
Chemical Analysis : (XRF)	ISO 12677	%			
	Al ₂ O ₃		40	37	
	SiO ₂		55		
	Fe ₂ O ₃		1,1		1,3
	TiO ₂		0,6		
	CaO+MgO		0,5		
	Na ₂ O+K ₂ O		1,9		2,2
Thermal Conductivity :	ASTM C182	W/m.K			
(through 114mm dimension)	200°C		0,20		
	400°C		0,22		
	600°C		0,24		
	800°C		0,27		
	1000°C		0,29		
	1200°C		0,32		
Reversible Thermal Expansion : (20°C to 1000°C)	ISO 16835	%	0,47		
Pyroscopic Cone Equivalent :	ISO 528	°C	1700		

Dimensional tolerances:	Standard Pieces	Non-Standard Pieces
	Length	±1.5mm
Width	±1.5mm	
Thickness	±1.5mm	
Squaring	1mm / 100mm	

Other Information :	C 1400 S or H	RL 13 S or H
Recommended mortar	C : Heat set	RL : Air set
	S : Dry / Powder	H : Ready to Use

Ref. 2023/02

Physical properties are based on averages of routine quality controls carried out on standard bricks. Averages and standard deviations are indicative values, limits (Tl and Th) are guaranteed values.



IFB Refractories bricks are 100% made in France, from local raw materials, with a special attention to the environment.

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